MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JULY. 1931

J. A. BROWN, DIRECTOR

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WEATHER BUREAU

JULY 1931
METEOROLOGICAL REGISTER

Date	Barometer reduced to o°C Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	57.2	57.6	57.7	57.5	30.3	21.1	27.3	29.6	24.9	27.3
2	6.6	5.9	5.5	6.0	30.8	22.8	27.6	30.2	24.9	27.6
3	4.0	5.6	3.0	4.2	30.8	22.2	27.7	30.2	25.8	27.9
4	2.9	3.8	4.1	3.6	31.2	22.3	28.3	30.6	25.6	28.2
5	5.2	5.6	6.6	5.8	31.4	23.6	28.7	31.1	25.8	28.5
6	57.3	57.4	57.3	57.3	31.5	23.9	28.0	31.3	24.9	28.1
7	6.5	5.9	5.2	5.9	31.1	22.5	27.8	30.5	25.5	27.9
8	4.8	4.5	4.8	4.7	31.9	23.9	28.8	31.6	26.3	28.9
9	4.1	3.8	3.9	3.9	32.1	23.4	28.7	31.6	26.3	28.9
10	1.7	1.0	0.9	1.1	32.4	24.6	28 7	31.6	26.9	29.1
11	50.6	51.0	53.8	51.8	32.7	23.6	29.4	31.6	26.8	29.3
12	2.4	2.5	2.8	2.6	33.3	24.2	29.8	32.9	27.6	30.1
13	2.4	2.6	2.8	2.6	33.4	24.7	29.4	32.8	27.3	29.8
14	3.8	4.5	5.2	4.5	33.6	25.6	29.8	32.7	27.1	29.9
15	5.8	6.1	5.8	5.9	33.8	24.6	29.6	33.3	27.6	30.2
16	55.9	55.6	55.5	55.7	33.9	24.6	30.8	33.1	27.4	30.4
17	4.6	4.5	4.0	4.4	33.4	24.0	30.2	33.1	26.7	30.0
18	3.3	3.1	3.3	3.2	33.2	23.9	30.1	31.8	27.4	29.8
19	3.4	3.3	3.5	3.4	33.5	24.3	30.4	32.7	27.2	30.1
20	4.5	4.4	4.7	4.5	32.5	24.2	30.0	31.4	27.4	29.6
21	55.1	54.7	55.1	55.0	32.8	24.1	29.7	32.6	26.9	29.7
22	5.4	5.1	5.8	5.4	31.8	25.1	28.2	31.1	27.2	28.8
23	5.4	5.3	5.2	5.3	33.0	24.4	30.1	32.3	26.8	29.7
24	3.8	3.3	3.2	3.4	32.9	25.0	30.0	32.5	27.2	29.9
25	2.0	2.0	2.8	2.3	33.3	25.8	29.1	32.6	30.3	30.7
26	53.5	53.6	53.7	53.6	32.3	25.3	29.4	32.1	26.6	29.4
27	4.6	4.5	4.8	4.6	32.6	24.6	29.1	32.1	26.6	29.3
28	4.5	4.4	4.6	4.5	33.0	25.1	29 7	32.2	27.3	29.7
29	4.2	4.3	4.2	4.2	33.2	25.4	31.4	32.8	27.3	30.5
30	3.6	3.1	3.4	3.4	33.3	25.6	29.2	32.4	27.2	29.6
31	2.3	2.1	2.7	2.4	33.3	24.2	29.7	32.7	27.7	30.0
	54.22	54.23	54.37	54.28	32.52	24.15	29.25	31.91	26.79	29.31

Barometer, Range for month 750.6-757.7 m.m.
„ 50-yr. average for month 755.697 m.m.
Thermometer, Range for month 21.°1-33.°9 c.
, 50-yr. average for month 27.83° c.
Rain, total for month 0.0 m.m.
„ , 50-yr average for month 0.51 m.m.
„ , total Sept. 1st to end of month 874.83 m.m.
„ ,50-yr. average, Sept. 1st to end of month. 907.05 m.m

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8.30	14.30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	22.6	23.5	21.6	16.8	16.8	16.6	16.7	63	55	71	63	13.0	
2	23.3	24.1	22.3	18.0	17.6	17.8	17.8	68	55	76	64	13.5	
3	23.6	24.7	22.9	18.2	18.6	18.6	18.5	66	58	74	66	12.5	
4	23.8	25.2	23.2	18.4	19.4	19.0	18.9	64	59	78	67	13.5	
5	23.9	25.4	23.3	18.2	19.4	19.2	18.9	61	57	77	65	13.0	
6	23.6	24.9	23.0	18.0	18.4	19.3	18.6	64	54	81	66	13.2	
7	24.6	25.5	23.	20.3	20.1	19.6	20.0	73	61	80	71	13.2	
8	24.8	25.6	24.1	19.7	19.3	20.4	19.8	66	55	80	67	13.1	
9	24.7	26.1	24.1	19.7	20.3	20.4	20.1	66	58	80	68	13.2	
10	25.1	26.1	24.7	20.4	20.3	21.1	20.6	70	58	80	69	13.0	
11	25.8	26.1	25.1	21.5	20.3	22.0	21.3	70	58	85	71	13.2	
12	26.1	27.2	25.2	21.7	21.7	21.7	21.7	69	59	79	69	13.2	
13	26.1	27.4	25.4	22.1	22.5	22.3	22.3	71	61	83	72	13.2	
14	25.4	27.3	25.1	20.3	22.3	21.6	21.4	66	62	80	69	13.1	
15	25.8	27.2	23.1	21.3	21.5	17.4	20.1	69	56	63	63	13.5	
16	22.5	26.6	23.9	14.6	20.4	19.1	18.0	44	53	70	56	13.6	
17	25.4	26.7	23.6	20.1	21.3	19.1	20.2	62	58	73	64	13.7	
18	26.1	26.4	25.3	21.6	20.9	22.1	21.5	67	60	81	69	13.4	
19	26.2	27.2	25.2	21.5	21.8	22.2	21.8	66	59	75	67	13.0	
20	25.0	25.1	23.3	19.4	18.4	17.9	18.6	61	53	66	60	8.1	
21	22.6	24.5	25.7	15.3	16.8	23.4	18.5	49	45	90	61	12.1	
22	23.2	24.1	23.3	17.1	17.1	18.2	17.5	61	50	68	60	4.8	
23	24.7	28.0	23.4	18.6	24.1	18.5	20.4	58	67	70	65	12.8	
24	27.4	25.5	26.2	24.7	18.7	24.3	22.6	77	51	91	73	12.9	
25	25.2	25.9	24.7	20.5	17.7	18.5	18.9	68	53	57	59	11.1	
26	24.0	24.8	23.3	17.9	18.7	18.6	18.4	59	52	71	61	13.1	
27	23.9	25.2	23.8	17.9	18.4	19.5	18.6	59	52	75	62	11.2	
28	25.8	26.6	24.9	21.3	20.9	21.4	21.2	68	58	80	69	12.5	
29	24.3	26.3	23.7	17.1	19.9	18.8	18.6	49	54	70	58	13.0	
30	24.1	25.8	24.0	18.2	18.7	19.5	18.8	60	53	73	62	12.4	
31	24.8	25.7	23.6	19.3	19.9	15.2	18.1	61	51	66	59	12.6	
	24.66	25.83	24.01	19.34	19.75	19.78	19.62	63.5	56.0	75.6	65.0	12.5	

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924 .

JULY 1931

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	1stcu	6stcu	0	2.3	0	0	0	165.7	light	
2	0	1stcu	0	0.3	0	1sw	0	78.9	calm	
3	0	1stcu	1st	0.7	0	1sw	0	238.2	„	
4	0	0	0	0.0	1sw	1sw	1sw	341.2	„	
5	1cu	1st	0	0.7	1sw	1sw	2sw	577.8	„	haze
6	0	0	0	0.0	1sw	1sw	0	555.2	„	haze (all day)
7	1stcu	0	0	0.3	0	0	0	112.6	„	
8	1st	0	4cu	1.7	0	0	0	30.6	„	
9	2cu	2cu	2cu	2.0	2sw	1sw	1sw	458.6	mod.	
10	1cu	0	0	0.3	2sw	1sw	2sw	764 4	calm	
11	0	1cu	0	0.3	1sw	0	0	373.3	„	
12	0	0	0	0.0	1sw	0	0	235.3	light	
13	2cu	1cu	0	1.0	1sw	1sw	0	328.3	„	
14	0	0	0	0.0	2sw	2sw	0	508.6	mod.	
15	0	0	0	0.0	1sw	1sw	1n	196.3	light	
16	0	0	0	0.0	0	0	0	46.7	„	
17	0	0	0	0.0	1sw	0	0	78.9	calm	
18	0	0	0	0.0	1sw	1sw	0	331.6	light	
19	2cu	2stcu	0	1.3	1sw	0	1s	465.1	calm	
20	1stcu	7stcu	10cu	6.0	1sw	2sw	0	331.6	mod.	
21	0	0	0	0.0	1sw	1sw	1sw	165.7	„	
22	5stcu	10cu	10cu	8.3	1n	0	0	82.1	light	
23	3cu	5cu	1stcu	3.0	1w	3w	1w	383.0	calm	
24	1cu	0	2stcu	1.0	2w	2s	1w	410.3	light	
25	2cuni	0	4cu	4.3	2sw	2sw	1sw	619.5	mod.	
26	3cu	0	0	1.0	1sw	1w	0	642.1	„	
27	2cu	0	0	0.7	0	1sw	0	234.9	slght	
28	2cu	0	0	0.7	0	1n	0	48.3	calm	
29	0	0	0	0.0	0	1sw	0	38.6	„	
30	0	2cu	0	0.7	1w	1sw	1sw	283.3	„	
31	0	0	2cu	0.7	1w	1sw	2sw	458.6	„	
				1.2	0.9	0.9	0.5	300.1		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	0	0	0	0	17	4	0	9
14:30	1	0	0	0	1	18	2	0	9
20.30	1	0	0	0	1	8	2	0	19
Totals	3	0	0	0	2	43	8	0	37

Number of days with rain 0, fog 0, thunderstorms 0, gales 0

50-yr average number of days with rain during month 0.2